

Converting Colors

Hex(2182ED)

Have a look what the booklet for
Hex(2182ED) contains.

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Color

Hex(2182ED)

Conversions

Conversions Part 1

Format	Color
Hex	2182ED
RGB	33, 130, 237
RGB Percent	13%, 51%, 93%
CMY	0.8706, 0.4902, 0.0706
CMYK	0.86, 0.45, 0.00, 0.07
HSL	211°, 85%, 53%
HSV	211°, 86%, 93%
XYZ	23.8959, 22.4030, 83.1855
YIQ	113.1950, -92.1590, 12.7130

Conversions

Conversions Part 2

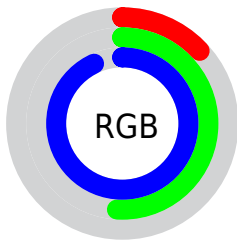
Format	Color
R_YB	33, 99, 237
Decimal	2196205
CIE Lab	54.45, 11.90, -61.37
CIE LCh	54, 62.509, 280.974
Yxy	22.4030, 0.1845, 0.1730
Android (android.graphics.Color)	4280386285 (0xFF2182ED)
YUV	113.1950, 61.0359, -70.3310
Hunter-Lab	47.3318, 7.2866, -71.0697

Details

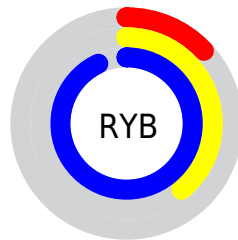
The Hex color **2182ED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **ED8C21**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **73B6FF**, and **0052B4** is the 20% darker color. If you saturate the color by 10%, you get **0976ED**, and if you desaturate by 10%, it is **398EED**.

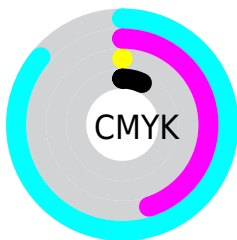
Distribution



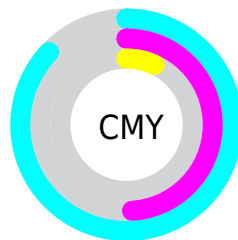
- Red (13%)
- Green (51%)
- Blue (93%)



- Red (13%)
- Yellow (39%)
- Blue (93%)



- Cyan (86%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2182ED changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2182ED by changing the saturation by 10% instead.

 2182ED

 2182ED

FFFFFF

 0069D0

 73B6FF

 0052B4

 94D2FF

 003C99

 B3EEFF

 00277E

 D3FFFF

 001465

 F2FFFF

 00094C

 000434

 00021E

 000000

■ 2182ED

■ 2182ED

■ 0976ED

■ 398EED

■ 0071ED

■ 509BED

■ 68A7ED

■ 80B4ED

■ 97C0ED

■ AFCDED

■ C7D9ED

■ DFE5ED

■ F6F2ED

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0092E8



2182ED



9D6BD5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2182ED



D85B3E



00995D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2182ED



ED8C21

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D9228



2182ED



B8730C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2182ED



E34A71



8A8600



009B95

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2182ED



C459B8



8A8600



00974B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2182ED



BDDCFF



21ED8A



586B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2182ED



0079FF



2421ED



6A6F75



0056B5



001936

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



ED2182



FF0079



EAED21



756A6F



B50056



360019

Previews

White Background



This preview shows how the Hex color 2182ED looks on a white background.

Color Contrast Check

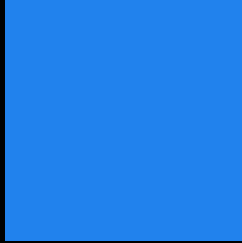
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2182ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

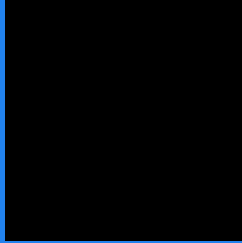
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

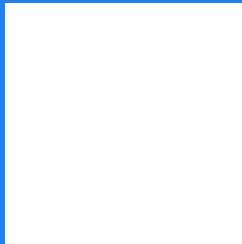
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2182ED Background



This preview shows how black text looks on a background with the Hex color 2182ED.

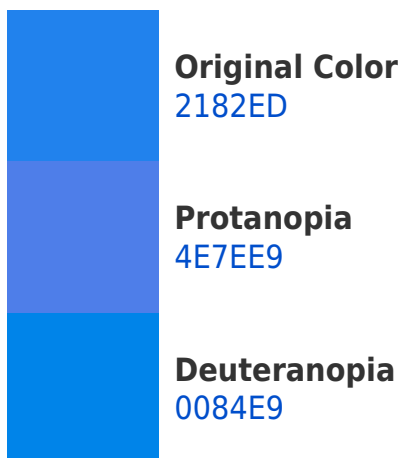


This preview shows how white text looks on a background with the Hex color 2182ED.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

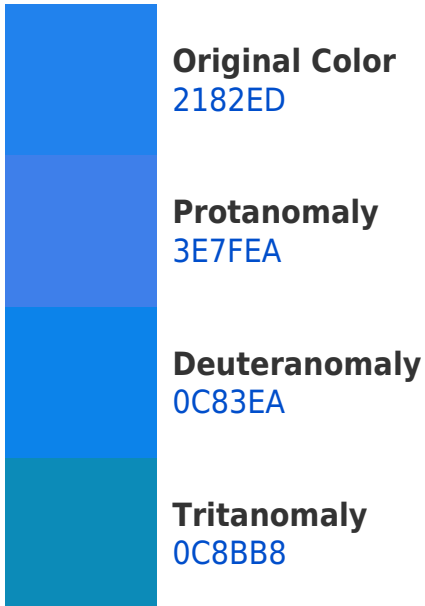
Dichromacy



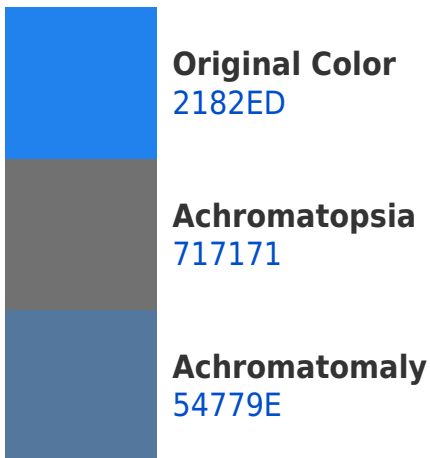


Tritanopia
00909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2182ED is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2182ED looks like.

```
.text, #text, p{  
    color:#2182ED  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2182ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2182ED
}
```

Border

The CSS property to change the border of an element to Hex 2182ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2182ED }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2182ED }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2182ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2182ED; -webkit-box-shadow:4px 4px  
4px 4px #2182ED; box-shadow:4px 4px 4px  
4px #2182ED }
```

Background

The CSS property to change the background color of an element to Hex 2182ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2182ED }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2182ED }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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